

Work Order ID 89423

August-22-12 10:05:12 AM

89423

Page 1

Item ID: D350-561-045

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012 **Start Qty:** 2.00 ***2***

2

Cust Item ID:

Required Date: 05/09/2012 **Req'd Qty:** 2.00

* 7 *

Customer:

Reference:

Approvals: Process Plan: 10/1

Date: 12/08/22 Tooling

Date:

Run Start

NP1

QC:

Date: / /

SPC (Y/N):

Date:

Stop

PART I
NIPOT

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order:			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
Part No. _____			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
NCR No. _____			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending	<input type="checkbox"/> Bend	Grain	<input type="checkbox"/> Ovalized	Pressure/Forced			
				Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	Hardware	<input type="checkbox"/> Over/Under tolerance	Temperature/Cure			
				Cracks	<input type="checkbox"/> Broken/Damaged	Inspection Incomplete	<input type="checkbox"/> Part Incorrect	Weld			
				Crushed/Crimped.	<input type="checkbox"/> Burrs	Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	Wrong Stock Pulled			
				Cuffs	<input type="checkbox"/> Contamination	Maintenance	<input type="checkbox"/> Part Moved				
				Heat Treat	<input type="checkbox"/> Countersink	Mislabeled	<input type="checkbox"/> Positioned Wrong				
				Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	Misread	<input type="checkbox"/> Power Loss/Surge				
				Ripples in Bend	<input type="checkbox"/> Drill Holes	Offset	<input type="checkbox"/> Other				
				Torque Waves in Extrusion	<input type="checkbox"/> Drawing	Out of Calibration					
				Turning Sequence	<input type="checkbox"/> Finish	Out of Sequence					
				Wave/Twist in Tube	<input type="checkbox"/> Folio	Outside Dimensions					

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Page 2

Item ID: D350-561-045

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 05/09/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* Packaging	Packaging Memo	0.00	PPP86485						12-08-27
Packaging	Identify and pack for shipping as per PPP D350-561-045								

130

QC21- Final Inspection - Work Order Release

0.00

130
QC
Quality Control

Memo

0.00

CK.R/8/28

MF
12-08-27

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order:		DISPOSITION			AGAINST DEPARTMENT/PROCESS																																							
Part No. _____ NCR No. _____		Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>																								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification		QC Inspector																															
Doc/Data																																												
Equip/Tooling																																												
Operator																																												
Material																																												
Setup																																												
Other																																												
Process																																												
Supplier																																												
Training																																												
Unapproved																																												
FAULT CATEGORY																																												
Landing Gear				General																																								
				Bending <input type="checkbox"/>	Centre Not Concentric to O/S <input type="checkbox"/>	Cracks <input type="checkbox"/>	Crushed/Crimped. <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Inspection Strip in Tube <input type="checkbox"/>	Ripples in Bend <input type="checkbox"/>	Torque Waves in Extrusion <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Bend <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Burrs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Countersink <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Drawing <input type="checkbox"/>	Finish <input type="checkbox"/>	Folio <input type="checkbox"/>	Grain <input type="checkbox"/>	Hardware <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Misread <input type="checkbox"/>	Offset <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	<input type="checkbox"/> Other

Picklist Print

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Page 1

Work Order ID: 89423

89423

Parent Item: D350-561-045

D350-561-045

Parent Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012

Required Date: 05/09/2012

Comments:

IPP D05.09.15Step 3 pick list revised per D350-561 Rev.

CKJ/JLM

IPP Rev:E

add pick kit DD 10.04.19 verified by:EC

IPP Rev:F 10.09.14 per

IIN revD DD verf:EC

IPP REV:G 12.05.30 PER ECN 12-

596 DD VERF:EC

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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AN3-5A		Purchased	No		105		Each	1,086.000	2	4			
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	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>	4
	AN3-5A	ST350	1086		
	115371	46			
	117423	121			
	119355	200			
	120187	213			
	121185	6			
	122416	500			

AN3-5A		Manufactured	No		105		Each	11.0000	2			
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	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>	2
	D2011-101	ST226	11		
	79943	11			

D2011-101		Manufactured	No		105		Each	40.0000	4		
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	<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>	12/8/22
	D2012-113	ST003	40		
	69758	1			
	84123	39			

D2012-113		Manufactured	No		105		Each	40.0000	1		
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NCR: Yes / No

DQA: Date:

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	General			Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/>	Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/>	Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other <input type="checkbox"/>				
Centre Not Concentric to O/S											
Cracks											
Crushed/Crimped.											
Cuffs											
Heat Treat											
Inspection Strip in Tube											
Ripples in Bend											
Torque Waves in Extrusion											
Turning Sequence											
Wave/Twist in Tube											

Picklist Print

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Work Order ID: 89423

89423

Parent Item: D350-561-045

D350-561-045

Parent Item Name: Dual Mirror Accessory Installation, 6 inch Round

Start Date: 22/08/2012

Required Date: 05/09/2012

Start Qty: 2.00

Required Qty: 2.00

D3635-3

Manufactured No

105

Each

68.0000

2 4

**

D3635-3

S Gasket

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST059	68	
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85656

	68	
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	0.0000	
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AN960JD10

NAS1149D0363J Purchased No

105

Each

0.0000

2 4

**

4 SL

M122378

AN960 Washer

AN960JD416

NAS1149D0463J Purchased No

105

Each

29.0000

2 4

**

2 SL

M122441

AN960 Washer

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST351	29	
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116289

	8	
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	21	
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MS21042L3

Purchased No

105

Each

3,229.000

2 4

**

2 SL

MS21042L3 Nut

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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316	795	
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122452

	795	
--	-----	--

	728	
--	-----	--

ST300	728	
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117885	32	
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119017	558	
--------	-----	--

119075	138	
--------	-----	--

ST317	1706	
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122141	1706	
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4

SL

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS								
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector					
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved														
FAULT CATEGORY														
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled		<input type="checkbox"/> Other

5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141	Qty -143	Qty -241	Qty -243	Part Number	Description
X	1						D350-561-041	SINGLE MIRROR INSTALLATION, RH
X							D350-561-043	DUAL MIRROR INSTALLATION, RH
1	X			1		1	D350-561-045	MIRROR KIT
		X		1			D350-561-141	SINGLE MIRROR INSTALLATION, RH
			X				D350-561-143	DUAL MIRROR INSTALLATION, RH
				X	1		D350-561-241	SINGLE MIRROR INSTALLATION, LH
					X		D350-561-243	DUAL MIRROR INSTALLATION, LH
1		—1—	—1—	—1—	—1—	—1—	D2011-101	Mirror
1							D2012-101	Arm
1							D2012-103	Arm
1			1				D2012-105	Arm
					1		D2012-106	Arm
2			1		1		D2012-107	Clevis
1							D2012-109	Bracket
1			1		1		D2012-111	Bracket
4		2					D2012-113	Clamp
1			1		1		D2012-115	Bracket
4			2		2		D2022-101	Spacer
4							D2856-100-325	Abrasion Strip
1*	1*	1*			1*		D3014-1	Locknut
			1		1		D3629-1	Bracket
			1		1		D3635-1	Gasket
		2					D3635-3	Gasket
			1				D3646-1	Arm
				1			D3646-2	Arm
			1				D3646-3	Arm
				1			D3646-4	Arm
			2		2		D4070-041	Clamp
2							AN3-4A	Bolt
2		2	6		6		AN3-5A	Bolt
1			1		1		AN3-6A	Bolt
2			1		1		AN4-10A	Bolt
3			3		3		AN4-5A	Bolt
14		4	8		8		AN960JD10	Washer
9		2	8		8		AN960JD416	Washer
1*		1*	1*		1*		AN960JD416L	Washer
5		2	4		4		MS21042L3	Nut (or MS21042-3)
5			4		4		MS21042L4	Nut (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

